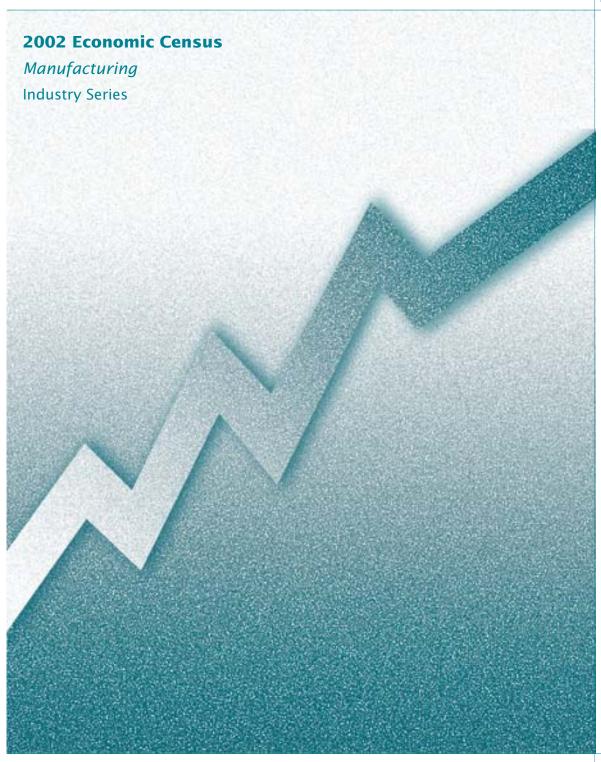
Electric Lamp Bulb and Part Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All estab- lish- ments ³	All employees		Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²		Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		expendi- tures (\$1,000)
335110, Electric lamp bulb and part											
manufacturing2002	56	80	11 473		9 536	18 656	377 738	1 747 002	883 114	2 615 048	79 507
2001 2000	N N	N N	9 868 11 520	443 515 516 625	9 022 10 452	17 342 22 373	363 825 433 934	1 586 566 2 041 481	846 174 977 148	2 441 443 3 012 790	108 913 121 592
1999	N	N	12 969	497 408	11 060	23 945	419 890	1 896 374	950 037	2 907 400	84 540
1998	N	N	15 946	556 505	13 072	27 065	446 149	2 177 383	1 126 153	3 320 979	143 941
1997	54	82	15 903	574 696	13 478	28 532	471 301	2 119 597	1 185 867	3 306 009	173 922

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establishments ²		All employees		Production workers						
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
335110, Electric lamp bulb and part manufacturing												
United States. California Connecticut Illinois New Jersey	- 1	80 10 3 5 4	48 3 3 4 1	11 473 221 537 585 112	486 167 6 782 21 658 24 698 3 364	9 536 171 440 525 94	18 656 339 995 1 021 166	377 738 3 654 10 532 20 995 2 306	1 747 002 21 168 49 595 33 913 8 606	883 114 9 367 22 746 25 366 2 747	2 615 048 29 981 71 655 59 196 10 861	79 507 549 1 230 3 824 158

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
335110, Electric lamp bulb and part manufacturing	
Companies¹	56
All establishments ²	80 32 18 30
All employees³ number Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	11 473 641 691 486 167 155 524
Production workers, average for year	9 536 9 508 9 655 9 443 9 507
Production worker hours	18 656 377 738
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	883 114 746 799 90 429 10 596 30 661 4 629
Quantity of electricity purchased for heat and power	599 994 -
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	2 615 048 2 436 881 55 751 122 416 120 767 D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industry \$1,000.	98 2 472 154 2 436 881 35 273
Coverage ratiopercent.	99
Value added \$1,000	1 747 002
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000.	192 718 79 774 23 746 89 198
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	211 297 91 498 27 090 92 709
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000. Total capital expenditures (new and used) \$1,000. Buildings and other structures (new and used) \$1,000. Machinery and equipment (new and used) \$1,000. Automobiles, trucks, etc., for highway use \$1,000. Computers and peripheral data processing equipment \$1,000. All other expenditures for machinery and equipment \$1,000. Total retirements \$1,000. Gross value of depreciable assets at end of year \$1,000.	1 669 871 79 507 9 203 70 304 1 836 4 200 64 268 85 644 1 663 734
Depreciation charges during year\$1,000.	109 091
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	9 306 6 238 3 068
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	188 653 100 24 715 2 522 289 242 3 600 2 079 4 425 1 310 2 274 147 601

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class		All employees			Pr	oduction worke	rs		Total	Total	Total
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
335110, Electric lamp bulb and part manufacturing											
All establishments Establishments with — 1 to 4 employees 5 to 9 employees 10 to 19 employees 20 to 49 employees 100 to 249 employees 250 to 499 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees 1,000 to 2,499 employees 2,500 employees or more	9 3 4 4 - - -	80 16 8 8 8 10 12 12 6 -	11 473 33 50 129 275 733 1 950 4 380 3 923	486 167 1 164 1 668 4 608 8 999 25 298 84 971 189 144 170 315	9 536 24 34 102 209 545 1 596 3 913 3 113	18 656 42 71 198 384 1 131 3 147 7 348 6 335	377 738 935 1 127 3 353 5 429 15 317 58 511 167 930 125 136	1 747 002 3 550 4 176 13 008 23 892 66 948 218 980 711 756 704 692	883 114 1 439 3 092 4 777 16 380 42 779 117 183 405 835 291 629	2 615 048 4 998 7 339 17 483 39 647 107 927 334 380 1 114 245 989 029	79 507 246 217 387 882 3 113 13 649 20 597 40 416
Administrative records ⁴	-	_	_	_	_	-	_	_	_	_	_

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	All	All employees		Pr	oduction work	ers		Total	Total	Total capital
product class code		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
335110	Electric lamp bulb and part manufacturing	80	11 473	486 167	9 536	18 656	377 738	1 747 002	883 114	2 615 048	79 507
3351101 3351103	Electric lamp bulbs and tubes (including sealed beam lamp bulbs) Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.),	52	9 947	422 869	8 219	16 188	325 434	1 569 583	737 437	2 293 544	70 818
	except lamp bulb blanks	18	1 465	60 896	1 263	2 374	50 231	171 047	143 140	312 596	8 397

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product s	shipments
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
335110	Electric lamp bulb and part manufacturing	N N	X	××	2 472 154 3 166 277
3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	N N	X X	×	2 155 760 2 868 070
33511011	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	N N	X	X X	2 155 760 2 868 070
3351101100	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	53 51	X	××	2 155 760 2 868 070
3351103	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	N N	X X	×	308 091 294 136
33511031	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	N N	X	×	308 091 294 136
3351103100	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	18 15	X	X	308 091 294 136
335110W	Electric lamp bulb and part manufacturing, nsk, total	N N	X	×	8 303 4 071
335110WY	Electric lamp bulb and part manufacturing, nsk, total	N N	X	x X	8 303 4 071
335110WYWW	Electric lamp bulb and part manufacturing, nsk, for nonadministrative-record establishments	N N	X	X X	8 303 4 071
335110WYWY	Electric lamp bulb and part manufacturing, nsk, for administrative-record establishments	N N	X	×	=

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	
	United States	2 155 760
	1997 2002 2002.	2 868 070 27 166
	1997 Connecticut	39 695 64 374
	1997 Illinois	N 58 471
	1997	10 634 52 842
3351103	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	
	United States	308 091
	1997 California	294 136 2 869 N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
335110	Electric lamp bulb and part manufacturing		
00900001 32720009	Total materials	X	746 799 1 012 550 256 738
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies)	â	297 162
	supplies)	X	90 133 117 588
325000A3	Industrial inorganic chemicals	×	53 287
33100045	Nonferrous metal wire	,	104 745 169 988
33511005	Electric lamp (bulb) bases	X	84 049 119 233
00970099	All other materials and components, parts, containers, and supplies	×	140 692 274 755
00971000	Materials, ingredients, containers, and supplies, nsk	X X	17 155 33 824

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.